

**ABSTRACT OF THE INVENTION**

5 A prefabricated shearwall including a central diaphragm having a height generally defined by top and bottom edges, and a width generally defined by a pair of end sections. The diaphragm further includes at least one corrugation extending in the height direction at least partially between the top and bottom edges. The corrugation increases the ductility and ability of the shearwall to withstand lateral forces such as those generated in earthquakes, high winds, floods and snow loads.